# BALLAST SPECIFICATION

# 250W M58

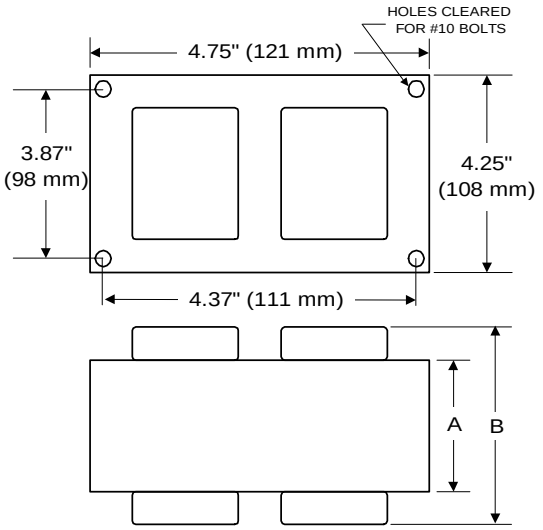
## Metal Halide

## V90Y6212T

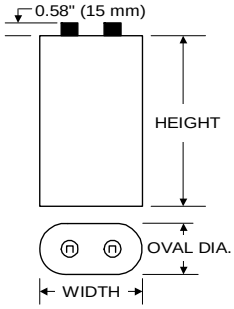
### 60 Hz CWA

| | | | | | | |
|---|---|---|---|---|---|---|
| Input Volts | 480 | | | | | |
| Line Current ( Amps ) | | | | | | |
| Operating | 0.63 | | | | | |
| Open Circuit | 0.55 | | | | | |
| Starting | 0.50 | | | | | |
| Recommended Fuse (Amps) | 2 | | | | | |
| Regulation | | | | | | |
| Line Volts | ±10% | | | | | |
| Lamp Watts | ±10% | | | | | |
| Temperature Ratings | | | | | | |
| Insulation Class | 180 (H) | | | | | |
| Coil Temperature Code | B | | | | | |
| Benchtop Coil Rise | | | | | | |
| Power Factor (Min) | 90% | | | | | |
| Input Watts | 295 W | | | | | |
| Efficiency | | | | | | |
| NOM. Open Circuit Voltage | 305 | | | | | |
| Input Voltage At Lamp Dropout | 210 | | | | | |
| Min Ambient Starting Temp | -20°F/-30°C | | | | | |
| 60 HZ TEST PROCEDURES | | | | | | |
| High Potential Test (Volts) | | | | | | |
| 1 Minute | 2,000 V | | | | | |
| 1 Second | 2,400 V | | | | | |
| Open Circuit Voltage Test (V) | 275 - 335 | | | | | |
| Short Circuit Current Test (A) | | | | | | |
| Secondary Current Min | 2.20 | | | | | |
| Secondary Current Max | 2.70 | | | | | |
| Input Current Min | 0.35 | | | | | |
| Input Current Max | 0.55 | | | | | |
| CORE and COIL Specifications | | | | | | |
| Dimension (A) | 1.55 in | | | | | |
| Dimension (B) | 3.35 in | | | | | |
| Weight | 8.8 lb's | | | | | |
| Lead Lengths | 12 " | | | | | |
| Capacitor Requirement | | | | | | |
| Microfarads | 15.0 uf | | | | | |
| Volts (Min) | 400 V | | | | | |

4X4 CORE - HX, CWA CWI UNITS




| Capacitor: | ACB277OV / ACG277 | | Ignitor: | None |
|---|---|---|---|---|
| Microfarads: | 15.0 uf | 15.0 uf | | |
| Volts (Max): | 400 V | 400 V | | |
| Case Temp (Max): | 100 °C | 100 °C | | |
| Height (Max): | 2.75 in | 3.68 in | | |
| Dia (Max): | 1.97 in | 1.80 in | | |
| Oval Width (Max): | 2.97 in | | | |




OIL-FILLED CAPACITOR

This Ballast Does Not Require An Ignitor

Ordering Information Add Suffix for options

C - With Capacitor D - With Alt Dry Type Capacitor

K - Prewired, with Capacitor and Bracket Kit

B - With Welded Bracket, no cap

CB - With Capacitor and Welded Bracket

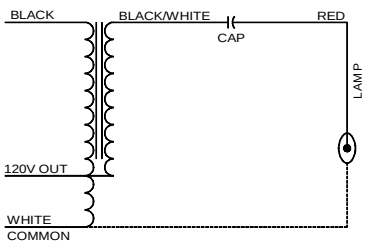
DB - With Alt Dry Type Capacitor and Welded Bracket

Coil material: primary Cu and secondary Cu

RoHS compliant on all manufactured products after August 1, 2007

Data is based upon tests performed by Venture Lighting in a controlled environment and is representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

**RoHS**




**9/10/2008 Production**

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